

PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 21593		SERIAL NO. 10783,559	
LIST OF PRIOR ART CITED BY APPLICANT				APPLICANT Christensen			
				FILING DATE 02/20/04		GROUP 3738	
U.S. PATENT DOCUMENTS							
EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AS	BH	4,938,773	Jul. 3, 1990	Morgan			
	BI	4,959,073	Sep. 25, 1990	Merlette			
	BJ	5,019,109	May 28, 1991	Voisin			
	BK	5,030,239	Jul. 9, 1991	Copes			
	BL	5,037,444	Aug. 6, 1991	Phillips			
	BM	5,112,356	May 12, 1992	Harris et al.			
	BN	5,116,383	May 26, 1992	Shorter et al.			
	BO	5,156,632	Oct. 20, 1992	Wellershaus			
	BP	5,116,384	May 26, 1992	Wilson et al.			
	BQ	5,181,932	Jan. 26, 1993	Phillips			
	BR	5,181,933	Jan. 26, 1993	Phillips			
	BS	5,219,365	Jun. 15, 1993	Sabolich			
	BT	5,217,500	Jun. 8, 1993	Phillips			
	BU	5,290,319	Mar. 1, 1994	Phillips			
	BV	5,314,499	May 24, 1994	Collier, Jr.			
	BW	5,376,133	Dec., 1994	Grammās			
	BX	5,376,139	Dec. 27, 1994	Pitkin			
	BY	5,376,141	Dec. 27, 1994	Phillips			
	BZ	5,387,246	Feb. 7, 1995	Phillips			
	CA	5,425,781	Jun. 20, 1995	Allard et al.			
	CB	5,425,782	Jun. 20, 1995	Phillips			
	CC	5,443,528	Aug. 22, 1995	Allen			
	CD	5,443,529	Aug. 22, 1995	Phillips			
	CE	5,464,441	Nov. 7, 1995	Phillips			
	CF	5,458,656	Oct. 17, 1995	Phillips			
	CG	5,486,209	Jan 23, 1996	Phillips			
	CH	5,507,838	Apr. 16, 1996	Chen			
	CI	5,509,936	Apr. 23, 1996	Rappoport et al.			
	CJ	5,509,938	Apr. 23, 1996	Phillips			
	CK	5,514,185	May 7, 1996	Phillips			
	CL	5,514,186	May 7, 1996	Phillips			
AS	CM	5,549,714	Aug. 27, 1996	Phillips			

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U.S. PATENT DOCUMENTS							
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
AS	DV	6,290,730	Sept. 18, 2001	Pitkin et al.			
	DW	6,306,178	Oct. 23, 2001	Kania et al.			
	DX	US2002/133237	Sept. 19 May 10, 2002	Christensen			
	DY	1,289,580	Dec. 31, 1918	Vincenti			
	DZ	4,442,554	Apr. 17, 1984	Copes			
	EA	4,636,220	Jan. 13, 1987	Ziegelmeyer			
	EB	5,482,513	Jan. 9, 1996	Wilson			
	EC	5,800,564	Sept. 01, 1998	Gelineau			
	ED	5,913,902	Jun 22, 1999	Geible			
	EF	5,957,981	Sept. 28, 1999	Granmans			
	EG	6,228,124	May 8, 2001	Slemker et al.			
	EH	6,187,052	Feb. 13, 2001	Molino et al.			
AS	EI	6,402,790	Jun. 11, 2002	Celebi			

FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO		
AS	EJ	295,807	Dec. 21, 1916	Germany			
	EK	556,381	Feb. 5, 1957	Italy			
	EL	1,550,658	Nov. 18, 1976	Great Britain			
	EM	2,033,772	Apr. 30, 1995	Russia			
AS	EN	1,191,633	May 13, 1970	Great Britain			

OTHER PRIOR ART (Including Author, Title, Pertinent Pages, Etc.)		

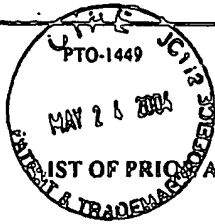
  

EXAMINER <i>A. Stuart</i>	DATE CONSIDERED <i>03/17/06</i>
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS

EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AB	AA	42,799	May 17, 1864	Shepard	9	1	
	AB	92,031	June 29, 1869	Foster			
	AC	292,800	Feb. 5, 1884	Furrer			
	AD	497,026	May 9, 1893	Judson			
	AE	1,001,641	Aug. 29, 1911	Harrison			
	AF	1,779,765	<del>Oct. 23, 1930</del> <del>Mar. 28, 1938</del>	Eichhorn			
	AG	1,996,874	<del>Apr. 9, 1935</del> <del>Aug. 28, 1933</del>	Mascau			
	AH	2,036,830	Apr. 7, 1936	Rowley			
	AI	2,379,538	Jul. 3, 1945	Meierhofer			
	AJ	2,443,356	<del>Jun. 15, 1948</del> <del>Apr. 3, 1946</del>	Mathis			
	AK	2,453,969	<del>Nov. 16, 1948</del> <del>Apr. 3, 1947</del>	Carter			
	AL	2,470,480	<del>May 17, 1949</del> <del>Apr. 23, 1946</del>	Fogg			
	AM	2,570,735	<del>Oct. 9, 1951</del> <del>Mar. 18, 1949</del>	Weise			
	AN	2,617,115	<del>Nov. 11, 1952</del> <del>Jul. 25, 1949</del>	Ellery			
	AO	2,640,200	<del>Jun. 2, 1953</del> <del>Jul. 28, 1950</del>	Wisbrun			
	AP	2,843,853	<del>Jul. 22, 1958</del> <del>Nov. 26, 1956</del>	Mauch			
	AQ	3,551,914	<del>Jan. 5, 1971</del> <del>May 9, 1968</del>	Woodall			
	AR	3,754,286	Aug. 28, 1973	Ryan			
	AS	3,871,032	Mar. 18, 1975	Karas			
	AT	3,874,004	Apr. 1, 1975	May			
	AU	3,906,552	Sept. 23, 1975	Weber			
	AV	3,920,610	Nov. 18, 1975	Wagner			
	AW	3,956,775	May 18, 1976	Moore			
	AX	3,982,280	Sept. 28, 1976	Asbelle et al.			
	AY	4,089,072	May 16, 1978	Glabiszewski			
	AZ	4,328,594	May 11, 1982	Campbell et al.			
	BA	4,506,395	Mar. 26, 1985	Haupt			
	BB	4,547,913	Oct. 22, 1985	Phillips			
	BC	4,645,509	Feb. 24, 1987	Poggi et al.			
	BD	4,676,801	Jun. 30, 1987	Lundeen			
	BE	4,721,510	Jan. 26, 1988	Cooper et al.			
	BF	4,822,363	Apr. 18, 1989	Phillips			
	BG	4,865,611	Sep. 12, 1989	Al-Turaiki			

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